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(71)Applicant : DAIKIN IND LTD

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(72)Inventor : TOMOTA MASAYASU
SHIRAI YOSHIHIRO

(54) FLUORORUBBER COMPOSITION

(57)Abstract:

PURPOSE: To obtain the subject fluoro rubber composition free from adhesion of compounding ingredients to the surface of a roll or a screw during kneading, free from problems of extraction of components from a molding and having an improved workability by blending a liquid hydrocarbon-based rubber with a fluororubber.

CONSTITUTION: With (A) 100 pts.wt. fluoro rubber (e.g. vinylidene fluoride-hexafluoropropene-tetrafluoroethylene terpolymer), (B) 0.5-10 pts.wt., preferably 1-10 pts.wt. hydrocarbon-based rubber (e.g. liquid polyisoprene rubber or liquid hydrogenated polyisoprene rubber) having a relatively low molecular weight and showing a viscous liquid state at ordinary temperatures is blended and a vulcanizer and other compounding ingredients for rubber are added thereto. The resultant mixture is then kneaded by roll kneading or by screw kneading in an extruder, thus obtaining the objective fluororubber composition free from adhesion of compounding ingredients to the surface of a roll or a screw, free from extraction of components from a molding and excellent in workability.

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